

# Converting Colors

Hex(2E5D9A)

Have a look what the booklet for  
Hex(2E5D9A) contains.

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# Color

Hex(2E5D9A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E5D9A
RGB	46, 93, 154
RGB Percent	18%, 36%, 60%
CMY	0.8196, 0.6353, 0.3961
CMYK	0.70, 0.40, 0.00, 0.40
HSL	214°, 54%, 39%
HSV	214°, 70%, 60%
XYZ	10.8738, 10.7426, 32.0723
YIQ	85.9010, -47.5930, 9.0070

# Conversions

## Conversions Part 2

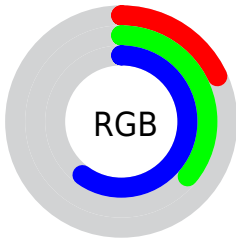
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 79, 154
Decimal	3038618
CIELab	39.14, 5.04, -38.00
CIElCh	39, 38.329, 277.554
Yxy	10.7426, 0.2025, 0.2001
Android (android.graphics.Color)	4281228698 (0xFF2E5D9A)
YUV	85.9010, 33.5728, -34.9932
Hunter-Lab	32.7760, 1.8615, -35.0739

# Details

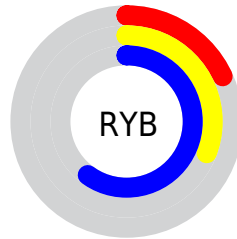
The Hex color **2E5D9A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A6B2E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **698FD1**, and **003066** is the 20% darker color. If you saturate the color by 10%, you get **1F549A**, and if you desaturate by 10%, it is **3D669A**.

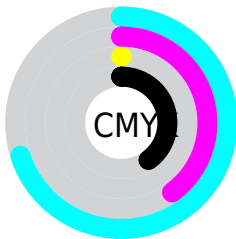
# Distribution



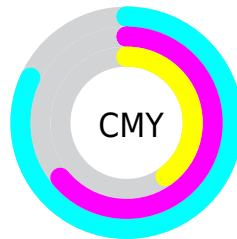
- Red (18%)
- Green (36%)
- Blue (60%)



- Red (18%)
- Yellow (31%)
- Blue (60%)



- Cyan (70%)
- Magenta (40%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (64%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E5D9A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2E5D9A by changing the saturation by 10% instead.



■ 2E5D9A

■ 2E5D9A

FFFFFF

■ 004680

■ 698FD1

■ 003066

■ 85A9ED

■ 001C4E

■ A1C4FF

■ 000437

■ BDE0FF

■ 000220

■ DAFDFF

■ 000005

■ F8FFFF

■ 000000

■ 2E5D9A

■ 2E5D9A

■ 1F549A

■ 3D669A

■ 0F4C9A

■ 4D6E9A

■ 00439A

■ 5C779A

■ 6C809A

■ 7B889A

■ 8A919A

■ 9A9A9A

■ A9A39A

■ B9AB9A

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



006695



2E5D9A



68518E

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E5D9A



914638



0B6A43

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2E5D9A



9A6B2E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



456528



2E5D9A



805221

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2E5D9A



954056



665D1A



006C63

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2E5D9A



80487E



665D1A



276939



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2E5D9A



9FB2C9



2E9A69



4D5866



E6E6E6



666666



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2E5D9A



206AC9



332E9A



45484D



003D8C



00060D



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9A2E5D



C9206A



959A2E



4D4548



8C003D



0D0006



# Previews

## White Background



This preview shows how the Hex color 2E5D9A looks on a white background.

## Color Contrast Check

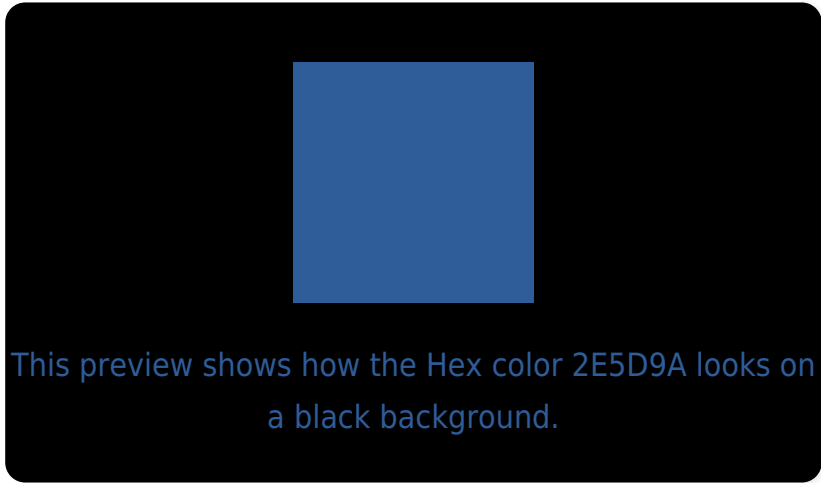
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

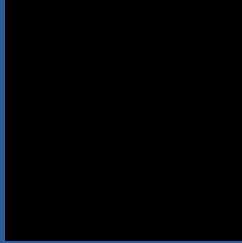
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E5D9A Background



This preview shows how black text looks on a background with the Hex color 2E5D9A.

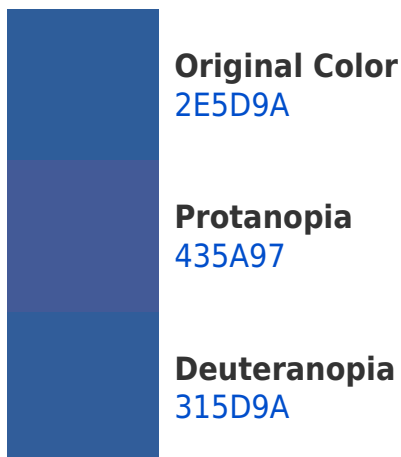


This preview shows how white text looks on a background with the Hex color 2E5D9A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

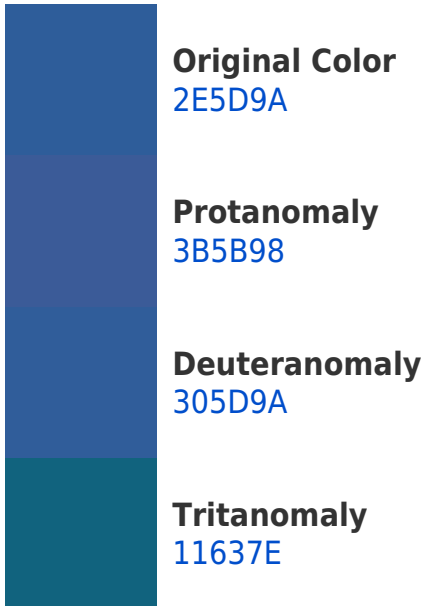
## Dichromacy





**Tritanopia**  
00666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E5D9A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2E5D9A looks like.

```
.text, #text, p{  
    color:#2E5D9A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2E5D9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5D9A
}
```

## Border

The CSS property to change the border of an element to Hex 2E5D9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

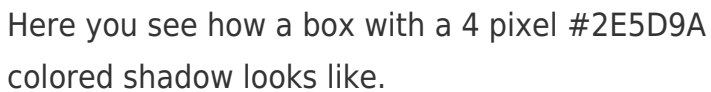
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E5D9A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2E5D9A }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #2E5D9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5D9A; -webkit-box-shadow:4px 4px  
4px 4px #2E5D9A; box-shadow:4px 4px 4px  
4px #2E5D9A }
```

# Background

The CSS property to change the background color of an element to Hex 2E5D9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5D9A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2E5D9A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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